

Quiz 6 Calculus 3 11/3/2004

Each problem is worth 5 points. Clear and complete justification is required for full credit.

1. Give parametric equations $x(t)$, $y(t)$, $z(t)$ and bounds for t that produce a path from $(3, -2, 0)$ to $(4, 7, 1)$.

2. Give parametric equations $x(t)$, $y(t)$, $z(t)$ and bounds for t that produce a circle of radius 7 centered at the origin in the plane $z = 2$ beginning at $(7, 0, 2)$.